

ABSTRACT

An automated optical inspection system having a marking system for marking areas of a board containing one or more defects with a mark or marks which are readily visible to the naked eye and which indicated the type of defect in the area being marked. Such systems may be formed

5 from existing systems by attaching a light source to the system camera and using the light source to identify the portion of a board being inspected so that an operator can manually mark the board, or may be systems that include automated or semi-automated marking systems for marking the board.